

What is claimed is:

1. A robot system comprising:
a changeable robot mechanism section;
a robot control section for controlling respective axes of said robot mechanism section; and
a memory provided at said robot mechanism section, and storing information concerning parameters inherent to individuality of said robot mechanism section to be used in calculation for a locus control of the robot mechanism section by said robot control section, said memory being connected with said robot control section so that the stored information is read by said robot control section.
2. A robot system according to claim 1, wherein said stored information further includes information designating an algorithm to be used in calculation for the locus control by said control section.
3. A robot system according to claim 1, wherein said stored information includes data of a measured or estimated value of a length of a predetermined part of said mechanism section.
4. A robot system according to claim 1, wherein said stored information includes data of an error between a measured or estimated value and a design value of a length of a predetermined part of said mechanism section.
5. A robot system according to claim 1, wherein said robot mechanism section has motors for driving the respective axes and one or more encoders for detecting rotational positions of the motors, said memory comprises a nonvolatile memory associated with one of said encoders, and said robot control section reads information stored in the nonvolatile memory using a

communication line between said one of the encoders and said robot control section.

6. A robot system according to claim 1, wherein said memory stores identification information for identifying individuality of the robot mechanism section, and said robot control section reads the identification information from said memory and if the read identification information is different from corresponding identification information stored in the robot control section, the read information including the identification information is substituted for the corresponding information stored in the robot control section.

7. A robot system according to claim 1, wherein said stored information is automatically read by the robot control section when a power supply to said robot control section is turned on.

8. A robot system according to claim 1, wherein said stored information is read by said robot control section in response to a manual operation on said robot control section by an operator.

9. A robot system comprising:
a robot mechanism section including a changeable mechanical unit;
a robot control section for controlling respective axes of said robot mechanism section; and
a memory provided at said mechanical unit and storing information concerning parameters inherent to individuality of said mechanical unit to be used in calculation for a locus control of the robot mechanism section by said robot control section, said memory being connected with said robot control section so that the stored information is read by said robot control section.

10. A robot system according to claim 9, wherein said stored

information further includes information designating an algorithm to be used in calculation for the locus control by said robot control section.

11. A robot system according to claim 9, wherein said stored information includes data of a measured or estimated value of a length of a predetermined part of said mechanical unit.

12. A robot system according to claim 9, wherein said stored information includes data of an error between a measured or estimated value and a design value of a length of a predetermined part of said robot mechanical unit.

13. A robot system according to claim 9, wherein said mechanical unit has one or more motors for driving one or more axes, and one or more encoders for detecting rotation of the motors, said memory comprises a nonvolatile memory associated with one of said encoders, and said robot control section reads information stored in the nonvolatile memory using a communication line between said one of the encoders and said robot control section.

14. A robot system according to claim 9, wherein said memory stores identification information for identifying individuality of the mechanical unit, and said robot control section reads the identification information from said memory and if the read identification information is different from corresponding identification information stored in the robot control section, the read information including the identification information is substituted for the corresponding information stored in the robot control section.

15. A robot system according to claim 9, wherein said stored information is automatically read by the robot control section when a power supply to said robot control section is turned on.

16. A robot system according to claim 9, wherein said stored information is read by said robot control section in response to a manual operation on said robot control section by an operator.